Sequence Alignments

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RESULT 1
US-08-176-126B-2
; Sequence 2, Application US/08176126B
; Patent No. 5589358
  GENERAL INFORMATION:
    APPLICANT: Dawson, Paul A.
    TITLE OF INVENTION: ILEAL BILE ACID TRANSPORTER COMPOSITIONS AND
    TITLE OF INVENTION: METHODS
    NUMBER OF SEQUENCES: 5
    CORRESPONDENCE ADDRESS:
     ADDRESSEE: Arnold, White & Durkee
      STREET: P.O. Box 4433
;
      CITY: Houston
;
      STATE: Texas
      COUNTRY: US
      ZIP: 77210
    COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
      SOFTWARE: PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
    APPLICATION NUMBER: US/08/176,126B
      FILING DATE: 29-DEC-1993
     CLASSIFICATION: 435
   ATTORNEY/AGENT INFORMATION:
      NAME: Parker, David L.
      REGISTRATION NUMBER: 32,165
      REFERENCE/DOCKET NUMBER: WAKE:002/PAR
   TELECOMMUNICATION INFORMATION:
      TELEPHONE: (512) 418-3000
      TELEFAX: (512) 474-7577
      TELEX: na
  INFORMATION FOR SEQ ID NO: 2:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 348 amino acids
      TYPE: amino acid
      TOPOLOGY: linear
    MOLECULE TYPE: protein
US-08-176-126B-2
 Query Match
                       44.7%; Score 884; DB 1; Length 348;
 Best Local Similarity 46.9%; Pred. No. 8.9e-82;
 Matches 164; Conservative 74; Mismatches 102; Indels 10; Gaps
          7 SSSACPANSS--EEELPVGLEVHGN--LELVFTVVSTVMMGLLMFSLGCSVEIRKLWSHI 62
Qу
            Db
          3 NSSICNPNATICEGDSCIAPESNFNAILSVVMSTVLTILLALVMFSMGCNVELHKFLGHL 62
         63 RRPWGIAVGLLCQFGLMPFTAYLLAISFSLKPVQAIAVLIMGCCPGGTISNIFTFWVDGD 122
Qу
            Db
          63 RRPWGIVVGFLCQFGIMPLTGFVLSVAFGILPVQAVVVLIQGCCPGGTASNILAYWVDGD 122
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Qу	123	MDLSISMTTCSTVAALGMMPLCIYLYTWSWSLQQNLTIPYQNIGITLVCLTIPVAFGVYV	182
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Qу	183	NYRWPKQSKIILKIGAVVGGVLLLVVAVAGVVLAKGSWNSDITLLTISFIFPLIGHVTGF	242
Db	183	NHKWPQKAKIILKIGSIAGAILIVLIAVVGGILYQSAWTIEPKLWIIGTIYPIAGYGLGF	242
Qу	243	LLALFTHQSWQRCRTISLETGAQNIQMCITMLQLSFTAEHLVQMLSFPLAYGLFQLIDGF	302
Db	243	FLARIAGQPWYRCRTVALETGLQNTQLCSTIVQLSFSPEDLNLVFTFPLIYSIFQIAFAA	302
Qy	303	LIVAAYQTYKRRLKNKHGKKNSGCTEVCHTRKSTSSRETNAFLEVNEE 350 ::: : : : :	
Db	303	ILLGAYVAYKKCHGKNNTELQEKTDNEMEPRSSFQETNKGFQPDEK 348	

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RESULT 1
US-10-091-628-2
; Sequence 2, Application US/10091628
; Publication No. US20020164627A1
; GENERAL INFORMATION:
 APPLICANT: Wilganowski, Nathaniel L.
 APPLICANT: Nepomnichy, Boris
 APPLICANT: Burnett, Michael B.
  APPLICANT: Hu, Yi
  TITLE OF INVENTION: No. US20020164627A1el Human Transporter Proteins and
Polynucleotides Encoding the
 TITLE OF INVENTION: Same
 FILE REFERENCE: LEX-0314-USA
 CURRENT APPLICATION NUMBER: US/10/091,628
 CURRENT FILING DATE: 2002-03-06
 PRIOR APPLICATION NUMBER: US 60/275,009
 PRIOR FILING DATE: 2001-03-12
 PRIOR APPLICATION NUMBER: US 60/284,152
 PRIOR FILING DATE: 2001-04-17
 NUMBER OF SEQ ID NOS: 6
  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
  LENGTH: 377
   TYPE: PRT
   ORGANISM: Homo sapiens
US-10-091-628-2
 Query Match
                     100.0%; Score 1979; DB 4; Length 377;
 Best Local Similarity 100.0%; Pred. No. 8.1e-178;
 Matches 377; Conservative 0; Mismatches 0; Indels
                                                     0; Gaps
                                                               0;
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Qу
           1 MRANCSSSSACPANSSEEELPVGLEVHGNLELVFTVVSTVMMGLLMFSLGCSVEIRKLWS 60
Db
         61 HIRRPWGIAVGLLCQFGLMPFTAYLLAISFSLKPVQAIAVLIMGCCPGGTISNIFTFWVD 120
Qу
           61 HIRRPWGIAVGLLCOFGLMPFTAYLLAISFSLKPVOAIAVLIMGCCPGGTISNIFTFWVD 120
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        121 GDMDLSISMTTCSTVAALGMMPLCIYLYTWSWSLOONLTIPYONIGITLVCLTIPVAFGV 180
Qу
           121 GDMDLSISMTTCSTVAALGMMPLCIYLYTWSWSLQQNLTIPYQNIGITLVCLTIPVAFGV 180
Db
Qy
        181 YVNYRWPKQSKIILKIGAVVGGVLLLVVAVAGVVLAKGSWNSDITLLTISFIFPLIGHVT 240
           181 YVNYRWPKQSKIILKIGAVVGGVLLLVVAVAGVVLAKGSWNSDITLLTISFIFPLIGHVT 240
Db
        241 GFLLALFTHQSWQRCRTISLETGAQNIQMCITMLQLSFTAEHLVQMLSFPLAYGLFQLID 300
Qу
           Db
        241 GFLLALFTHQSWQRCRTISLETGAQNIQMCITMLQLSFTAEHLVQMLSFPLAYGLFQLID 300
        301 GFLIVAAYQTYKRRLKNKHGKKNSGCTEVCHTRKSTSSRETNAFLEVNEEGAITPGPPGP 360
Qу
           Db
        301 GFLIVAAYQTYKRRLKNKHGKKNSGCTEVCHTRKSTSSRETNAFLEVNEEGAITPGPPGP 360
Qу
        361 MDCHRALEPVGHITSCE 377
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